1. Old age man with stiffness of proximal Muscles of upper limbs, no weakness, initial investigation?

Muscle biopsy

NCS

CPK*?

EMG

2. PMR pt controlled on 15mg Prednisone and calcium vit d supplements but worse on tapering off steroids, what to do?

Stop steroids and give NSAIDs

Continue same dose add methotrexate*

Stop steroids give azathioprine

Infliximab

Increase steroids and Bisphoshonates

3. Celiac disease scenario with itchy rash on elbows, treatment of rash: dapsone

4. T2DM with yellow lesions on shin: necrobiosis lipoidica diabeticorum?

5. Sheep grazer with facial palsy, meningism, erythema migrans: lyme disease

6. Post thrombolysis heart rhythm in MI indicating successful thrombolysis: accelerated idioventricular rhythm

7. Left main stem 80% stenosis: cabg* vs drug eluting stent placement

8. Nurse on bus stop unconscious pin point pupils, respiratory depression, temp 36: morphine poisoning* vs hypothermia

9. Tca poisoning scenario, young girl tachycardia unconscious at result night: bicarbonate

10. Executive with alcohl abuse, ophthalmoplegia ataxia memory disturbance: Wernicke's encephalopathy

11. Acetaminophen poisoning poor prognosis indicator: altered sensorium* vs creatinine

12. Migraine headache controlled on triptans but daily headache off and on using acetaminophen: acetaminophen associated headache

13. Waldenstrom macroglobulinemia diagnosis IgM Paraproteins with Hyperviscosity signs, IgG, IgA normal

14. Hyperviscosity in waldenstrom macroglobulinemia treatment: plasmapheresis

15. Pt on tpn with weakness of lower limbs: hypocalcemia* vs hypoglycemia

16. Snake bite 12 hours ago, salivation and difficult breathing, ptosis: mechanical ventilation* vs anti venom

17. Lung mass with hemoptysis: tomography

18. Jaundice, palpable gall bladder, recurrent malena: ca head of pancreas

19. UC pt with right upper quadrant pain, usg normal: PSC

20. Young boy with abd distension, variceal bleed, hepatomegaly: BCS

21. Chronic pulmonary aspergillosis diagnosis: BAL with galactomann?

22. Hodgkin's lymphoma with reed sternberg cells CD positive: cd 15, cd30*, cd 45, cd 20

23. Recurrent sinusitis, ear infection, chest cavitatory lesions: WG

24. Young girl, recurrent abd pain, arthralgias: HSP

25. Nurse sudden onset unilateral weakness of body, ct brain normal, best treatment: thrombolysis* vs aspirin 325mg

26. Infective endocarditis scenario with murmur, test to confirm diagnosis: Echo

27. Rusty sputum, lobar pneumonia, treatment: penicillin* vs penicillin plus genta vs vanco?

28. Executive with atypical pneumonia features both git and respiratory symptoms, test for diagnosis? Legionella urine antigen?

29. Old age man with head ache, serum sodium 128, afebrile, normotensive, what to do? Fluid restriction* vs hypertonic fluid vs NS infusion

30. Myxedema scenario, cold intolerance, constipation, 40 years old housewife

31. Pusturella multocida: animal bite old age woman with sharp wound on leg

32. Acute GE fluid of choice: NS vs RL*?

33. Acute vomiting episodes following dinner in a party: staph aureus

34. IV drug abuser infective endocarditis cause: staph aureus

35. Constipation for 48 hours in UC pt in hospital, condition worsening, colon 5cm diameter: steroids* vs surgery vs serial xray abdomen

36. G6PD scenario causative drug: nitrofurantoin

37. Nitrofurantoin associated fibrosis scenario

38. Schilling test scenario, improvement in vit b12 urine level after step 1: ileal resection?

39. Ileal resection and iliocolic anastomosis, now foul smelling bulky stools after few months treatment: pancreatic enzymes supplements* vs bile salts binders vs metronidazole

40. Renal vein thrombosis in nephrotic pt

41. Steep y descent: tb pericarditis (Constrictive pericarditis)

42. Bronchiectasis: antibiotics + postural drainage

43. Bronchiectasis lung segment involvement: upper posterior segments of lower lobe vs lower posterior segments of lower lobe*?

44. CF vs Kartagener*?: right lung cavitatory lesions and left hemidiaphragm raised

45. HOCM scenario: ICD to reduce further syncope attacks

46. WPW scenario with delta wave: beta blockers

47. ATT induced hepatitis: stop all ATT drugs

48. Triple Acid base defect

49. Mixed respiratory and metabolic acidosis

50. Salicylate poisoning scenario

51. Lithium toxicity scenario in BPD pt: hemodialysis

52. Hyperkalemia: calcium gluconate

53. Hypokalemic woman improve on k+ supplements with recurrent lethargy, family history positive: gittlemann syndrome

54. Primary hyperparathyroidism scenario: paratharmone level

55. Secondary hyperparathyroidism scenario in ckd pt

56. Hypogastric mass with recurrent hematuria, next investigation: urethrocystoscopy vs usg abdomen*?

57. Tendon xanthomas with 280 cholesterol 150 triglycerides: type 2a betalipoproteinemia?

58. Cannon a waves in pt with pacemaker: pacemaker disease* vs wenkiback vs junctional tachycardia?

59. Copd scenario: stop smoking to improve outcome

60. Copd scenario indication for lung transplant: 20-25% FEV1*?

61. Woman with insomnia and day time irritability for 4 weeks: zolpidem* vs SSRI

62. Osteoporosis scenario: every lab test normal, depressed vertebral fracture

63. Ckd pt with gout: steroids* vs colchicine

64. Tumor lysis syndrome prevention: allopurinol

65. Pulmonary embolism vs angina: sudden onset chest pain worsening on exertion

66. Aortic dissection scenario in old man

67. Basilar migraine scenario

68. Limb girdle dystrophy scenario

69. Myoclonus jerk+ dementia in middle age female: Creutzfeldt jakob disease* vs myoclonic epilepsy?

70. Urinary potassium to differentiate between diuretics abuse vs vomiting associated hypokalemia

71. Empyema: chest drainage with antibiotics?

72. RA pleural effusion: pleural fluid sugar

73. Mumps scenario in young female, bilateral lumber pain, tlc 58% lymphos: oophoritis??

74. Septic shock scenario? CVP 15?

75. Lactic acidosis scenario

76. Pt with 20 creatinine, previously refused dialysis, in uremic encephalopathy, what to do? Dialysis?

77. Uremia associated nephropathy: dialysis?

78. Pheochromocytoma: alpha blockers initially vs alpha + beta blockers?

79. Pheochromocytoma scenario: urinary VMA

80. Carcinoid syndrome scenario

81. PVD vs spinal stenosis: pain on walking uphil and improves on downhil walking?

82. Apkd scenario: usg abdomen

83. Gonococcal arthritis scenario in young female with lower abd pain and left knee right ankle swelling?

84. Reactive arthritis scenario

85. Syphilis treatment response: vdrl/RPR

86. Adult still disease scenario

87. Organophosphate poisoning scenario: pralidoxime

88. Median nerve entrapment scenario: opposition of thumb weakness?

89. MPGN scenario?

90. Myelofibrosis scenario: tear drop cells

91. Hemochromatosis scenario: iron saturation

92. Hemochromatosis: young female with skin pigmentation, anemia, joint pains?

93. Secondary polycythemia scenario, renal cell carcinoma?

94. Syringomyelia scenario: upper limb weakness and sensory involvement

95. Upper limbs muscles atrophy without muscle fasciculations, paraparesis: MND vs cervical myelopathy

96. Drug induced lupus: anti histones?

97. Primary Sjogren's scenario

98. Apls scenario in pregnancy: aspirin + LMWH

99. Apls scenario: anti cardiolipin + ana, dsdna antibodies

100. Anti dsDna for monitoring SLE

101. Parietal lobe lesion with midline shift, suddenly right pupil dilate and pt dies: diffuse SAH vs PCA occlusion?

102. RAPD, direct light reflex absent, optic nerve problem?

103. PCT scenario

104. Churgg strauss scenario

105. Lead poisoning scenario: foot drop of mechanic

106. EAA vs psittacosis scenario in new zoo worker: tetracycline vs steroids?

107. Kaposi sarcoma scenario: HHV8?

108. Glucagonoma scenario

109. Pancreatic ca cause of migratory rash

110. Recurrent hypoglycemia scenario: c-peptide level

111. Acromegaly scenario: IGF1

112. Acromegaly scenario: MRI brain, pt has typical pituitary mass symptoms and signs

113. Hyperthyroid young girl from far village, poor compliance to medicine: surgery

114. MEN scenario

115. Mediastinal mass compression most common result: SVCO vs dysphagia

116. Zenker's diverticulum scenario: barium swallow

117. Wallenberg syndrome scenario

118. RTA scenario?

119. Liddle's treatment: amiloride

120. Peritonial dialysis complication: hypoalbuminemia??

121. TB scenario: upper lobe cavitation

122. 310 serum osmolality, altered sensorium: HONK?

123. Spinal cord compression scenario, initial treatment: iv methylprednisolone vs decompression surgery

124. Spinal cord compression scenario: MRI spine

125. Before renal transplant prerequisite in pt with multiple cysts in both kidneys in previous ultrasound? Renal arteriography vs bilateral nephrectomy vs MRI whole abd vs repeat usg?

126. RAS scenario, worsening RFTs following ACEI in post MI pt

127. Busalphan adverse effect: lung fibrosis

128. CAH scenario

129. Conn syndrome vs bilateral adreneral hyperplasia in hypertensive pt with low k+

130. UC suspected case bloody diarrhea long time no improvement on multiple antibiotics course, next investigation: sigmoidoscopy vs colonoscopy?

131. Pseudomembranous colitis scenario: CD toxin positive in stools following oral metronidazole course for 10 days what to do next? Oral vanco vs no treatment further*?

132. COP scenario: thick bronchiolar walls on HRCT

133. ITP vs gestational Thrombocytopenia scenario: steroids?

134. Needle prick injury hiv positive pt: start tripple haart

135. MI but no helicopter available, PCI center 3 hour distance: what to do? Tpa + aspirin + heparin??

136. Cryptococcal meningitis: india ink stain

137. Molar pregnancy high bHCG level, uterine evacuation done, how to monitor: beta HCG levels vs repeated USG*?

138. Man with pigmented skin patch in axilla and abd pain: malignant melanoma??

139. Pregnant lady with MS: percutaneous mitral valvotomy

140. AR with EF 50% , asymptomatic: AVR

141. Bioprosthetic valve, replacement indication: calcification and stenosis of valve

142. HIV pt with fits, single enhancing lesion: TB* vs toxoplasmosis

143. PCP presentation: progressive dyspnea over several weeks*? Vs lobar consolidation

144. Hb 10.5, mcv low: hb electrophoresis

145. Beta thalassemia trait scenario in pregnancy

146. NPH scenario, triad of nph

147. Cmv colitis: ganciclovir

148. Herpes encephalitis scenario: iv acyclovir

149. Malabsorption scenario: stool fat estimation?

150. Gut surgery now MI after few days: no thrombolysis only aspirin*?

151. Post meal abd pain, atrial fibrillation history: mesenteric ischemia

152. Another  scenario with abdominal pain post meals: mesenteric ischemia* vs perforated ulcer?

153. Small intestine surgery history, abnormal test: d-xylose absorption?

154. Alcohol abuser in emergency in altered sensorium, eye examination normal, treatment: 40% ethanol vs iv thiamine*?

155. Old age female pain in both hips and low back, at present no back pain but hip pain more on right side on movement: vertebral osteoporosis vs hip osteoarthritis vs trochanteric bursitis*?

156. OSA scenario: CPAP?

157. Scleroderma renal crisis scenario: capoten?

158. Pt with history of gout, right knee swollen tender, uric acid slightly raised, initial management: joint aspiration and analysis of synovial fluid?

159. Unstable VT scenario, imidiate management: dc shock

160. Head injury history, hyponatremia: SIADH?

161. Achalasia scenario: dysphagia to solids and liquids, pain in chest after meals

162. RA patient with long standing history of disease with renal involvement and fluid overload, light chains in urine: amyloidosis??

163. Tetralogy of Fallot scenario

164. Myasthenia gravis scenario: fatigue and diplopia in evening?

165. Small cell carcinoma lung scenario asked for treatment: radiotherapy + chemotherapy* vs surgery?

166. Pregnant lady with anxiety and hypertension which worsen on beta blocker injection: pheochromocytoma

167. Alpha 1 antitrypsin deficiency associated emphysema type: panacinar* vs centriacinar

168. Chest pain , ecg normal, further investigation: CKMB, trop I* vs xray?

169. Chest pain on exertion, angiography normal, test to do: ETT vs stress thallium* vs xray?